

Attorney Docket No. **09792909-6283**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:) Group Art Unit: 2826
)
Tetsuya Komoguchi, et al.) Examiner: Tan N. Tran
)
Application No. 10/538,943)
)
Filed: June 13, 2005)
)
For: SOLID-STATE IMAGE DEVICE AND)
PRODUCTION METHOD THEREOF)

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MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

STATEMENT OF THE SUBSTANCE OF THE EXAMINER'S INTERVIEW

Dear Sir:

Pursuant to MPEP § 713.04, Applicants' attorney of record hereby files this Statement in reply to the Interview Summary mailed on July 21, 2008. The Interview Summary of the telephonic interview of July 9, 2008 accurately describes the substance of the interview.

Attached hereto, is a copy of the claims as they appear with the Examiner's Amendment, which cancelled claims 2-18, 22, and 27-36, which the Examiner agreed would render the claims allowable.

Respectfully submitted,

Dated: September 19, 2008

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IN THE CLAIMS

This listing of claims replaces all previous listings:

1. - 23. (Cancelled)

24. (Currently Amended) A solid state imaging device comprising:

a plurality of light-receiving sections which are disposed in a substrate and which generate charge in response to incident light;

a planarizing layer which covers predetermined elements disposed on the substrate to perform planarization;

a plurality of signal lines disposed above the planarizing layer; and

a waveguide which guides incident light to each of the light-receiving sections, the waveguide passing through the space between the plurality of signal lines,

wherein,

the waveguide comprises a light-transmissive film having a relatively high refractive index,

the light-transmissive film is embedded in a hole formed by etching an insulating film having a relatively low refractive index,

the light-transmissive film includes a first material portion containing at least hydrogen,

the light receiving section contains hydrogen released from the first material portion by heat treatment in a hydrogen atmosphere, and

the first material portion has an opening at the top, and a second material portion having a refractive index lower than that of the first material portion is disposed in the opening.

25. (Original) The solid-state imaging device according to claim 24, wherein the second material portion comprises a synthetic resin material.

26. (Original) The solid-state imaging device according to claim 25, wherein the synthetic resin material is a polyimide resin.

27. - 36. (Cancelled)

